

QBiC APP for PC

INSTRUCTION MANUAL



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BEFORE YOU USE

- QBiC APP for PC is dedicated software for QBiC MS-1. The software cannot be used without QBiC MS-1.
- Some functions are different between QBiC APP for PC and QBiC APP for smartphone.
- The setting items to be displayed may be different or some setting items may not be displayed depending on the firmware version of QBiC MS-1.



PREPARATIONS OF QBiC APP FOR PC

This section describes the preparations of QBiC APP for PC.

Supported OS : Windows 7, Windows 8, Windows 8.1

- * QBiC APP for PC connects to QBiC MS-1 via the wireless LAN. Your computer needs to support the wireless LAN or you need to prepare a wireless LAN module (sold separately).

Wireless LAN standard: IEEE802.11 b/g/n

■ DOWNLOAD THE SOFTWARE

Download “QBiC APP for PC” from the following QBiC MS-1 official website.

QBiC MS-1 official website : <http://www.elmoqbic.com/ms1/>

■ INSTALL THE SOFTWARE

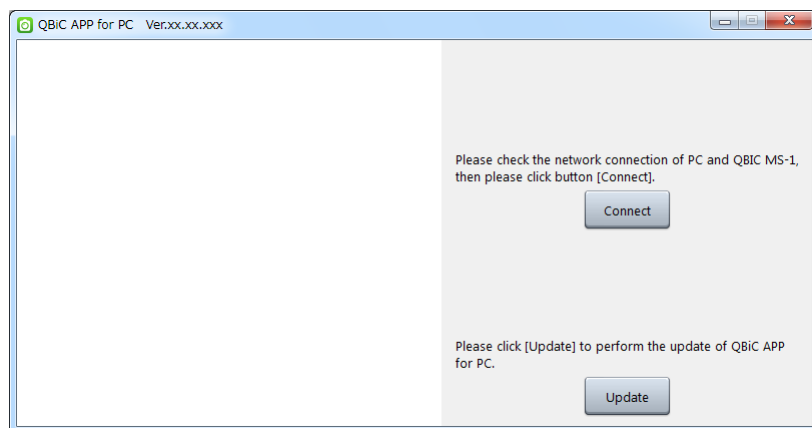
Install the software according to the following procedure.

1. Log on to your computer with the Administrator account.
Start “QBiC_APP_for_PC_Setup.msi” that you have downloaded.
2. Follow the instructions displayed on the screen to install the software.
A message may be displayed depending on the computer environment.
Accept the installation of the software issued by “ELMO COMPANY, LIMITED” to continue the installation.
3. Once the installation is completed the software is registered under the following location: [Program files] — [ELMO] — [QBiC APP for PC]

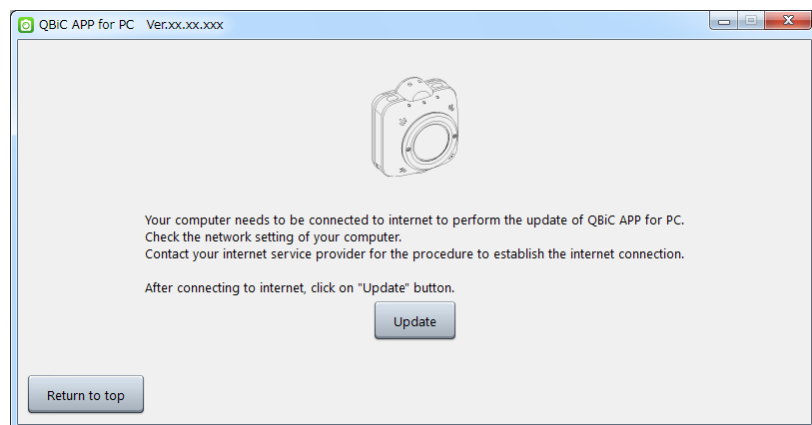
UPDATING THE SOFTWARE

Update the software according to the following instructions.

1. Start QBiC APP for PC.
2. Click “Update”.



- * You need to connect your computer to the Internet to perform the software update. When your computer is not connected to the Internet, the following window will be displayed.



- * You cannot update your QBiC MS-1 with this procedure. Refer to the QBiC MS-1 official website for details about the updating procedure for QBiC MS-1.

<http://www.elmoqbic.com/ms1/>



CONNECTING QBiC MS-1 TO A COMPUTER OVER WiFi

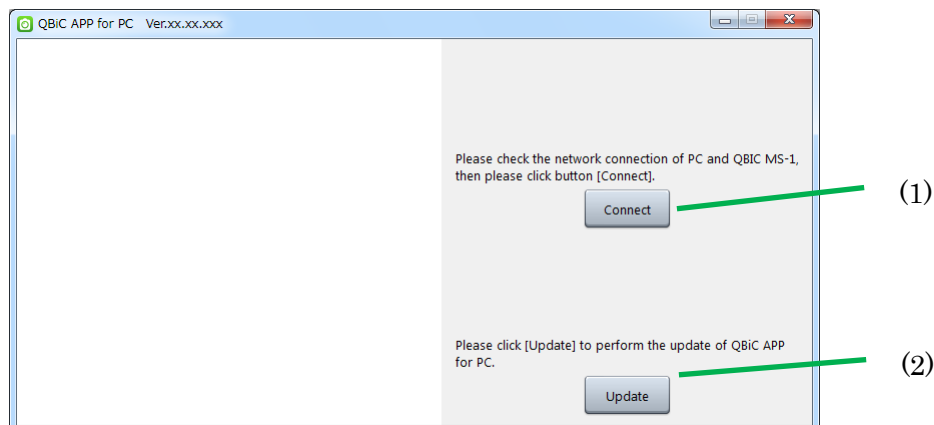
Connect QBiC MS-1 to your computer according to the following steps:

1. Check the SSID and KEY of QBiC MS-1.
 - * The default setting values are in the back of QBiC MS-1.
 2. Start QBiC MS-1.
 3. From your computer, go to [Start] — [Control Panel] — [Network and Sharing Center]. Then click [Connect to the Network].
 4. Select the SSID and click [Connect].
 5. Enter the KEY and click [OK].
- * The QBiC APP for PC cannot be used when QBiC MS-1 and your computer are connected with the USB cable.

HOW TO USE QBiC APP FOR PC

STARTING SCREEN

The following starting screen appears when the software is started.



(1) Connect

To connect to QBiC MS-1.

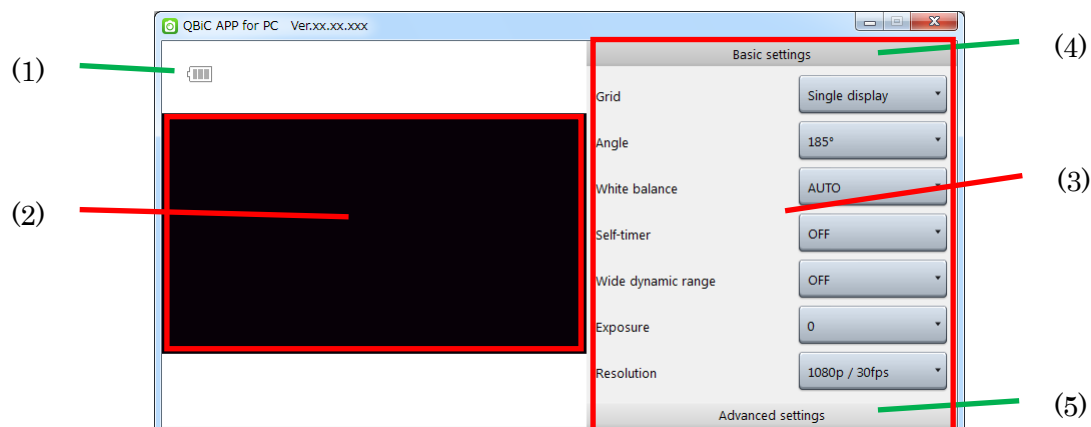
(2) Update

To update QBiC APP for PC.

- * When QBiC MS-1 and your computer are connected via WiFi, the starting screen will not be displayed, and the preview screen will be displayed instead. (The WiFi connection will be automatically established when QBiC MS-1 is started.)






PREVIEW SCREEN

The following preview screen appears when your computer is connected to QBiC MS-1.



(1) Remaining battery level

To indicate the remaining battery level.

	0%
	1% ~ 30%
	31% ~ 60%
	61% ~ 100%
	Power feeding state

(2) Live video viewing

To display the live video.

(3) Setting item display area

To display the setting items for Basic settings and Advanced settings.

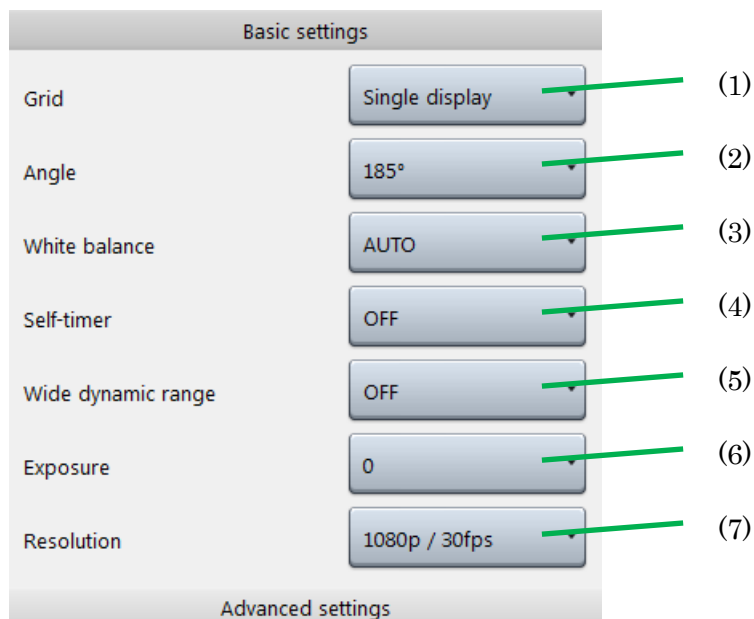
(4) Basic settings

To display the basic setting items such as Grid and Angle.

(5) Advanced settings

To display the advanced setting items such as Metering and Distortion correction.

➤ Basic settings



(1) Grid

To change the grid display during the live video viewing.

Single display	Quad display	3x3 display	Diagonal display
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(2) Angle

To change the angle of view.

185°	165°	135°
------	------	------

(3) White balance

To change the white balance.

<When set to Auto>

AUTO	Night	Sunny	Cloudy	Incandescent light	Fluorescent light
------	-------	-------	--------	--------------------	-------------------

<When set to Manual>

Color temperature range: 3000K ~8000K

* When setting to Manual, set the “Auto White Balance Setting (Page 13)” to OFF”.

(4) Self-timer

To set the self-timer.

OFF	5 seconds	10 seconds	30 seconds
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(5) Wide dynamic range

To switch between On and Off of the WDR(Wide Dynamic Range).

OFF	ON
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(6) Exposure

To change the exposure level.

<When set to Auto>

+2	+1	0	-1	-2
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<When set to Manual>

Shutter speed: 1/8000[s]~1/30[s]

Gain level: 0[dB]~36[dB]

* When setting to Manual, set the “Auto Exposure Setting (Page 13)” to OFF”.

(7) Resolution

To change the resolution of the video.

1080p / 60fps	1080p / 30fps	720p / 120fps High Speed *1
720p / 60fps	720p / 30fps	WVGA / 240fps High Speed *2

*1 -- Recorded at 4x speed and played at 1/4x speed. The sound is not recorded.

*2 -- Recorded at 8x speed and played at 1/8x speed. The sound is not recorded.

* Flickering may occur when the recording (movie recording or photo recording) is performed at high-speed setting under illumination such as a fluorescent light.

➤ Advanced settings

Metering	Center-weighted	(1)
Distortion correction	OFF	(2)
Hand-shake correction	OFF	(3)
Image rotation	OFF	(4)
Photo shooting mode	Burst	(5)
Burst shooting interval	60fps : 10photos	(6)
Interval recording time	00:00:30	(7)
Audio recording settings	Level	(8)
	Balance	(9)
Auto power off	300seconds	(10)
Camera WiFi auto-off	ON	(11)
White balance auto setting	OFF	(12)
Exposure auto setting	OFF	(13)
Camera AP mode settings	Settings	(14)
Network setting initialization	Initialize	(15)
Movie file setting	30minutes	(16)
Camera operation sound	6%	(17)
Time synchronization	OFF	(18)
Camera SD card format	Format	(19)
Camera setting initialization	Initialize	(20)
Information	Display	(21)

(1) Metering

To change the method for measuring light.

Center-weighted	Overall mean
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(2) Distortion correction

To correct the image distortion.

OFF	ON
-----	----

- * The Distortion Correction cannot be set to ON when the resolution is set to WVGA / 240fps High Speed.

(3) Hand-shake correction

To correct the hand-shake effect in the image during the video recording.

OFF	ON
-----	----

- * When using Hand-shake correction during the shooting, set the WiFi to OFF in advance.
- * The Hand-shake correction cannot be set to ON when the resolution is set to 720p / 120fps High Speed or WVGA / 240fps High Speed.

(4) Image rotation

To rotate the image by 180° .

OFF	ON
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- * The Image Rotation cannot be set to ON when the resolution is set to WVGA / 240fps.

(5) Photo shooting mode

To change the recording mode when recording photos.

Single	Burst	Interval
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(6) Burst shooting interval

To change the intervals during the Burst recording.

2fps : 10 frames	5fps : 10 frames	60fps : 10 frames
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(7) Interval recording time

To change the intervals during the Interval recording.

00:00:02 ~ 24:00:00

(8) Audio recording settings (Level)

To set the level of recording sound.

Level : 0 ~ 10

(9) Audio recording settings (Balance)

To set the balance of recording sound.

Balance : L5 ~ 0 ~ R5

- * The more the value is closer to L5, the bigger the left side sound is recorded. The more the value is closer to R5, the bigger the right side sound is recorded.

(10) Auto power off

To set the time for “Auto power off”.

OFF	60 seconds	120 seconds	300 seconds
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(11) Camera WiFi auto-off

To automatically turn off the WiFi of the camera after 5 minutes of “no connection” status between the camera and QBiC APP/ QBiC APP for PC.

OFF	ON
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(12) White Balance auto setting

To ON/OFF the Auto White Balance. When set to OFF, the White Balance can be set manually.

(13) Exposure auto setting

To ON/OFF the Auto Exposure. When set to OFF, the Exposure level can be set manually.

(14) Camera AP mode settings

To change the network setting.

SSID : Random alphanumeric characters and some symbols: 1 digit - 32 digits

KEY : Random alphanumeric characters and some symbols: 8 digits- 63 digits
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- * The camera will automatically update the network setting after the change. You will need to change the network setting of your computer accordingly after the camera is restarted

* Some symbols: “@”, “-“, “ _ ”

(15) Network setting initialization

To initialize the network setting.

(16) Movie file setting

To split a movie file into smaller files of a set playback time.

1 minute	3 minutes	5 minutes	10 minutes	30 minutes
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(17) Camera operation sound

To change the volume of the operation sound of the camera.

0% ~ 100%

(18) Time synchronization

You can synchronize the time setting on the camera with your computer.

ON	OFF
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(19) Camera SD card format

To format the microSD card.

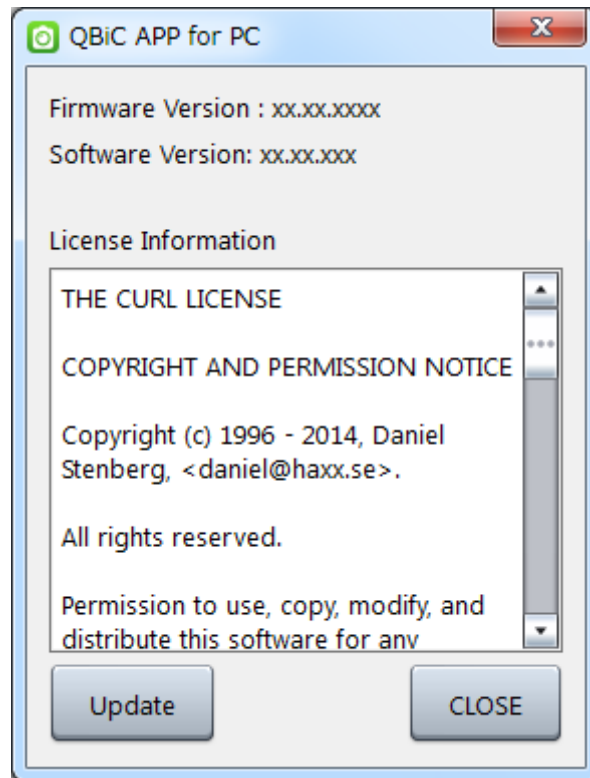
(20) Camera setting initialization

To initialize the camera settings.

* The network setting will not be initialized.

(21) Information

To display the information about the firmware version of QBiC MS-1, software version and license.





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